Author Index

Akahoshi, A., see Shinomiya, K. 481
Amemiya, T., see Suzuki, S. 379
Anderson, S. D., see Hayes, Jr., P. C. 333
Aoki, S., see Tsuda, T. 361
Arancibia, E. L., see Nardillo, A. M. 85
Astrua-Testori, S.
—— and Righetti, P. G.
Mechanism of water exudation from mixed-bed Ampholine–Immobiline gels for isoelectric focusing 121
Báčová, E., see Kvasničková, E. 559
Beck, R. H. F., see Praznik, W. 467
Berg, T., see Johansen, L. 347
Bergh, J. J.
—— and Breytenbach, J. C.
Stability-indicating high-performance liquid chromatographic analysis of trimethoprim in pharmaceuticals 528
Bergundhaugen, H., see Johansen, L. 347
Biswas, G., see Mal, D. 556
Bogusz, M.
Correction of retention index values in high-performance liquid chromatography as a tool for comparison of results obtained with different octadecyl silica phases 404
Boné, P., see Loyaux, D. 434
Bonn, G.
High-performance liquid chromatographic isolation of ^{14}C-labelled gluco-oligosaccharides, monosaccharides and sugar degradation products on ion-exchange resins 393
Booth, C., see Craven, J. R. 233
Bourgeois, G. L.
——, Jarry, C. H. and Golse, R. F.
Derivatization of 2-amino-2-oxazolines with trimethylanilinium hydroxide. Determination of reaction products by gas chromatography–mass spectrometry 442
Breytenbach, J. C., see Bergh, J. J. 528
Buck, R. H.
—— and Krummen, K.
High-performance liquid chromatographic determination of enantiomeric amino acids and amino alcohols after derivatization with *o*-phthaldialdehyde and various chiral mercaptans. Application to peptide hydrolysates 255
Büser, W.
——, Erbersdobler, H. F. and Liardon, R.
Identification and determination of N-ε-carboxymethyllysine by gas–liquid chromatography 515
Burford, R. P., see Haken, J. K. 223
Butzke, P., see Jandera, P. 155
Castells, R. C., see Nardillo, A. M. 85
Ceva, P., see Pietta, P. 525
Chen, C.-C.
—— and Ho, C.-T.
Gas chromatographic analysis of thermal degradation products of gingerol compounds in steam-distilled oil from ginger (*Zingiber officinale* Roscoe) 499
Chiavari, G.
——, Facchini, M. C. and Duzzi, S.
Behaviour of 3-methyl-2-benzothiazolone azines of carbonyl compounds in high-performance liquid chromatography 459
Churáček, J., see Jandera, P. 155
Cignetti, A., see Negre, M. 541
Codd, G. A., see Poon, G. K. 551
Craven, J. R.
——, Tyrer, H., Li, S. P. L., Booth, C. and Jackson, D.
Effect of end group and solvent on gel permeation chromatography of oligo(oxyethylene) compounds 233
Danielson, N. D., see Noffsinger, J. B. 520
Dass, D. V.
——, Martin, R. W., Odell, A. L. and Wernham, A. J.
Development of a micromethanol to gasoline convertor on-line to a gas–liquid chromatograph equipped for mass and radioactivity measurements 410
Daugherty, K. E., see Entezami, A. A. 323
Demian, I.
—— and Gripshover, D. F.
High-performance liquid chromatographic determination of enantiomeric purity of 1-methyl-3-pyrrolidinol via derivatization with (*R,R*)-O,O-dibenzoyltartaric acid anhydride 532
De Zeeuw, R. A., see Feitsma, K. G. 447
Dorr, K. K.
—— and Guest, D. I.
Rapid, sensitive high-performance liquid chromatographic assay for isoflavonoids from cowpea (*Vigna unguiculata*) 536
Draganov, A.
——, Simeonov, G. and Vassileva, V.
Thin-layer chromatographic separation of new direct dyes 493
Drenth, B. F. H., see Feitsma, K. G. 447
Eigner, W.-D., see Praznik, W. 467

Entezami, A. A.
——, Venables, B. J. and Daugherty, K. E.
Analysis of lipids by one-dimensional thin-layer chromatography 323
Erbersdobler, H. F., see Büser, W. 515
Esnaud, H., see Lee, C. R. 505
Facchini, M. C., see Chiavari, G. 459
Fawell, J. K., see Poon, G. K. 551
Feitsma, K. G.
——, Drenth, B. F. H. and De Zeeuw, R. A.
Comparison of two β-cyclodextrin bonded stationary phases for high-performance liquid chromatography. Elution order and optical purity of enantiomers of cyclohexylphenylglycolic acid 447
Ferrer, M. R., see Garcia, M. L. 485
Flanagan, J. M.
—— and Jacobson, K. B.
Effect of zinc ions on tRNA structure. I. Reversed-phase chromatography 139
Fortier, G., see MacKenzie, S. L. 241
Fox, A., see Gilbart, J. 428
Fukuhara, T.
——, Isoyama, M., Shimada, A., Itoh, M. and Yuasa, S.
Resolution of six polar DL-amino acids by chromatography on native cellulose 562
Fuzzi, S., see Chiavari, G. 459
Garcia, M. L.
——, Ferrer, M. R., Valls, O. and Garcia, S.
Gel filtration of glycogens and their hydrolysis products 485
Garcia, S., see Garcia, M. L. 485
Gennari, M., see Negre, M. 541
Ghrist, B. F. D., see Stadalius, M. A. 21
——, Stadalius, M. A. and Snyder, L. R.
Predicting bandwidth in the high-performance liquid chromatographic separation of large biomolecules. I. Size-exclusion studies and the role of solute Stokes diameter *versus* particle pore diameter 1
Gilbart, J.
——, Wells, A. F., Hoe, M. H. and Fox, A.
Sedimentation field flow fractionation and gas chromatography–mass spectrometry for characterization of streptococcal cell wall particles 428
Gilbert, J., see Startin, J. R. 509
Golse, R. F., see Bourgeois, G. L. 442
Gonzalez, M. J., see Jaulmes, A. 41
Goto, S., see Liang, D. 385
Graber, P., see Wingfield, P. T. 291
Granier, C., see Loyaux, D. 434
Grimsrud, E. P., see Jones, C. S. 171
Gripshover, D. F., see Demian, I. 532
Gudéhn, A.
—— and Kolmodin-Hedman, B.
Sampling and determination of fenitrothion, dimethoate, mevinphos, linuron, metoxuron and trifluralin from air 420
Guest, D. I., see Dorr, K. K. 536
Guiochon, G., see Jaulmes, A. 41
Hais, I. M., see Kvasničková, E. 559
Haken, J. K.
——, Harahap, N. and Burford, R. P.
Application of alkali and acid fusion reactions to the gas chromatographic analysis of silicone-polyester resins 223
Hamzavi-Abedi, M. A., see Lochmüller, C. H. 105
Harahap, N., see Haken, J. K. 223
Hawley-Fedder, R. A.
——, Parsons, M. L. and Karasek, F. W.
Identification of organic compounds produced during combustion of a polymer mixture 207
Hayes, Jr., P. C.
—— and Anderson, S. D.
Rapid determination of naphthenes in hydrocarbon distillates using on-line column switching high-performance liquid chromatography with dielectric constant detection 333
Hirose, A.
—— and Ishii, D.
Micro-column chromatofocusing. I. Use of a 10-μm diethylaminoethyl anion-exchanger 416
Hjertén, S.
——, Liao, J.-l. and Yao, K.
Theoretical and experimental study of high-performance electrophoretic mobilization of isoelectrically focused protein zones 127
Ho, C.-T., see Chen, C.-C. 499
Hodgson, P. K. G.
—— and Stewart, N. J.
Purification of ethoxylated anionic surfactants by preparative high-performance liquid chromatography 546
Hoe, M. H., see Gilbart, J. 428
Hughes, G. J., see Wingfield, P. T. 291
Hunt, S. M., see Poon, G. K. 551
Imanari, T., see Shinomiya, K. 481
Ishii, D., see Hirose, A. 416
Isoyama, M., see Fukuhara, T. 562
Itoh, M., see Fukuhara, T. 562
Jackson, D., see Craven, J. R. 233
Jacobson, K. B., see Flanagan, J. M. 139
Jandera, P.
——, Churáček, J., Butzke, P. and Smrž, M.
Liquid chromatography of phenylurea herbicides and related compounds on chemically bonded ion-exchange materials 155

Jaroniec, M.
—— and Martire, D. E.
Models of solute and solvent distribution for describing retention in liquid chromatography 55
Jarry, C. H., see Bourgeois, G. L. 442
Jaulmes, A.
——, Gonzalez, M. J., Vidal-Madjar, C. and Guiochon, G.
Non-linear elution peak model. Influence of the mobile phase composition in reversed-phase liquid chromatography 41
Johansen, L.
——, Bergundhaugen, H. and Berg, T.
Rapid purification of tonin, esterase B, antigen ψ and kallikrein from rat submandibular gland by fast protein liquid chromatography 347
Jones, C. S.
—— and Grimsrud, E. P.
Response of the nitrogen mode of the thermionic ionization detector to substituted nitrobenzenes 171
Karasek, F. W., see Hawley-Fedder, R. A. 207
Knox, J. H.
—— and Ritchie, H. J.
Determination of pore size distribution curves by size-exclusion chromatography 65
Kolmodin-Hedman, B., see Gudéhn, A. 420
Krstulovic, A. M., see Loyaux, D. 434
Krull, I. S., see Lookabaugh, M. 301
Krummen, K., see Buck, R. H. 255
Kvasničková, E.
——, Nobilis, M., Šroler, A., Báčová, E. and Hais, I. M.
Chromatographic and enzymatic evidence for the structure of an oxygenated and reduced metabolite of Benflurone 559
LaCourse, W. R., see Lookabaugh, M. 301
Lee, C. R.
——, Esnaud, H. and Pollitt, R. J.
Simple and highly sensitive technique for radio-gas chromatography 505
Li, S. P. L., see Craven, J. R. 233
Liang, D.
——, Shiga, N., Matano, O. and Goto, S.
Simultaneous determination of four active ingredients of dinocap in crops by high-performance liquid chromatography 385
Liao, J.-l., see Hjertén, S. 127
Liardon, R., see Büser, W. 515
Lochmüller, C. H.
——, Hamzavi-Abedi, M. A. and Ou, C.-X.
Retention anomaly in ternary solvent systems in reversed-phase liquid chromatography 105
Lookabaugh, M.
——, Krull, I. S. and LaCourse, W. R.
Determination of iodide and thiosulfate by paired-ion, reversed-phase high-performance liquid chromatography with ultraviolet absorbance, electrochemical, and conductimetric detection 301
Loyaux, D.
——, Boné, P., Granier, C., Krstulovic, A. M. and Mompon, B.
γ-Radiolysis of acetylsalicylic acid in the solid-state gas chromatographic–mass spectrometric and high-performance liquid chromatographic identification and quantification of the radiolytic products 434
MacKenzie, S. L.
——, Tenaschuk, D. and Fortier, G.
Analysis of amino acids by gas–liquid chromatography as *tert.*-butyldimethylsilyl derivatives. Preparation of derivatives in a single reaction 241
Maguire, J. H.
Some structural requirements for resolution of hydantoin enantiomers with a β-cyclodextrin liquid chromatography column 453
Majuri, R.
Behaviour in a silica-based high-performance liquid gel permeation chromatographic column of the apo- and holo-forms of the haem-binding proteins haemopexin, histidine-rich glycoprotein, globin and albumin 281
Mal, D.
—— and Biswas, G.
Detection of organosulphur compounds on thin layers using Dragendorff's reagent 556
Manera, E., see Pietta, P. 525
Manz, A.
—— and Simon, W.
Injectors for open-tubular column liquid chromatography with 10^6 theoretical plates at retention times in the minute range 187
Martin, R. W., see Dass, D. V. 410
Martire, D. E., see Jaroniec, M. 55
Matano, O., see Liang, D. 385
Mokashi, A., see Shrotri, P. Y. 399
Mompon, B., see Loyaux, D. 434
Mori, T., see Suzuki, S. 379
Mukesh, D., see Shrotri, P. Y. 399
Nakanishi, H., see Tsuda, T. 361
Nardillo, A. M.
——, Castells, R. C. and Arancibia, E. L.
Thermodynamics of solution of halogenated hydrocarbons in mixtures of tri-*n*-octylphosphine oxide and squalane using gas–liquid chromatography 85

Negre, M.
——, Gennari, M. and Cignetti, A.
High-performance liquid chromatographic determination of Fluazifop-butyl and Fluazifop in soil and water 541
Nobilis, M., see Kvasničková, E. 559
Noffsinger, J. B.
—— and Danielson, N. D.
Liquid chromatography of aliphatic trialkylamines with post-column chemiluminescent detection using tris(2,2'-bipyridine)ruthenium(III) 520
Ochiai, H., see Shinomiya, K. 481
Odell, A. L., see Dass, D. V. 410
Ou, C.-X., see Lochmüller, C. H. 105
Parker, I., see Startin, J. R. 509
Parsons, M. L., see Hawley-Fedder, R. A. 207
Penke, B., see Szókán, G. 267
Pietta, P.
——, Manera, E. and Ceva, P.
Purity assay of ketoprofen by high-performance liquid chromatography 525
Pirkle, W. H.
—— and Sowin, T. J.
Direct liquid chromatographic separation of phthalide enantiomers 313
Pollitt, R. J., see Lee, C. R. 505
Poon, G. K.
——, Priestley, I. M., Hunt, S. M., Fawell, J. K. and Codd, G. A.
Purification procedure for peptide toxins from the cyanobacterium *Microcystis aeruginosa* involving high-performance thin-layer chromatography 551
Praznik, W.
——, Beck, R. H. F. and Eigner, W.-D.
New high-performance gel permeation chromatographic system for the determination of low-molecular-weight amyloses 467
Priestley, I. M., see Poon, G. K. 551
Righetti, P. G., see Astrua-Testori, S. 121
Ritchie, H. J., see Knox, J. H. 65
Rose, K., see Wingfield, P. T. 291
Sharman, M., see Startin, J. R. 509
Shiga, N., see Liang, D. 385
Shimada, A., see Fukuhara, T. 562
Shinomiya, K.
——, Toyoda, H., Akahoshi, A., Ochiai, H. and Imanari, T.
Fluorometric analysis of neutral sugars as their glycamines by high-performance liquid chromatography and thin-layer chromatography 481
Shrotri, P. Y.
——, Mokashi, A. and Mukesh, D.
Prediction of retention times in temperature-programmed gas–solid and gas–liquid chromatography 399
Simeonov, G., see Draganov, A. 493
Simon, W., see Manz, A. 187
Simona, M. G., see Wingfield, P. T. 291
Smrž, M., see Jandera, P. 155
Snyder, L. R., see Ghrist, B. F. D. 1
——, see Stadalius, M. A. 21
Sowin, T. J., see Pirkle, W. H. 313
Šroler, A., see Kvasničková, E. 559
Stadalius, M. A., see Ghrist, B. F. D. 1
——, Ghrist, B. F. D. and Snyder, L. R.
Predicting bandwidth in the high-performance liquid chromatographic separation of large biomolecules. II. A general model for the four common high-performance liquid chromatography methods 21
Startin, J. R.
——, Parker, I., Sharman, M. and Gilbert, J.
Analysis of di-(2-ethylhexyl)adipate plasticiser in foods by stable isotope dilution gas chromatography–mass spectrometry 509
Stewart, N. J., see Hodgson, P. K. G. 546
Suzuki, S.
——, Mori, T., Amemiya, T. and Watanabe, Y.
Gas chromatographic method for the determination of 3-(trimethoxysilyl)propyloctadecyldimethylammonium chloride 379
Szókán, G.
——, Török, A. and Penke, B.
High-performance liquid chromatographic detection of side reactions in peptide synthesis 267
Takebayashi, J., see Tsuda, T. 361
Tenaschuk, D., see MacKenzie, S. L. 241
Török, A., see Szókán, G. 267
Toyoda, H., see Shinomiya, K. 481
Tsuda, T.
——, Nakanishi, H., Aoki, S. and Takebayashi, J.
Determination of butyltin and phenyltin compounds in biological and sediment samples by electron-capture gas chromatography 361
Tyrer, H., see Craven, J. R. 233
Valls, O., see Garcia, M. L. 485
Van de Velde, N., see Verzele, M. 473
Vassileva, V., see Draganov, A. 493
Velde, N. Van de, see Verzele, M. 473
Venables, B. J., see Entezami, A. A. 323
Verzele, M.
—— and Van de Velde, N.
High-performance liquid chromatography with photodiode array detection of minor hop bitter acids in hops extracts in beer 473
——, see Yang, Y.-B. 197

Vidal-Madjar, C., see Jaulmes, A. 41
Voelkel, A.
Retention indices and thermodynamic functions of solution for model non-ionic surfactants in standard stationary phases determined by gas chromatography 95
Watanabe, Y., see Suzuki, S. 379
Wells, A. F., see Gilbart, J. 428
Wernham, A. J., see Dass, D. V. 410
Wingfield, P. T.
——, Graber, P., Rose, K., Simona, M. G. and Hughes, G. J.
Chromatofocusing of N-terminally processed forms of proteins. Isolation and characterization of two forms of interleukin-1β and of bovine growth 291
Yang, Y.-B.
—— and Verzele, M.
New water-compatible modified polystyrene as a stationary phase for high-performance liquid chromatography. Characterization and application 197
Yao, K., see Hjertén, S. 127
Yasuhara, A.
Identification of volatile compounds in poultry manure by gas chromatography–mass spectrometry 371
Yuasa, S., see Fukuhara, T. 562
Zeeuw, R. A. de, see Feitsma, K. G. 447